



ABSTRACT OF THE DISCLOSURE

A manufacturing method for a sintered substrate of alkaline batteries is provided. The manufacturing method includes a first step for mixing particles with a pore former and applying the mixture to a porous substrate, and a second step for sintering the porous substrate and the applied mixture. The particles are made of nickel or principally made of nickel, and the surfaces of the pore former particles each have a coating made of nickel or principally made of nickel. The pore former can be made from resin or any other materials if it disappears when sintered. The pore former particles should preferably have a spheric shape, but it does not matter whether the pore former particles are solid or hollow. Using such sintered substrate for an electrode, an alkaline storage battery can exhibit a high performance.